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(71) Applicant (for all designated States except US): **THE
ROCKEFELLER UNIVERSITY** [US/US]; 1230 York
Av., New York, NY 10021-6399 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **FISCHEITTI, Vin-
cent, A.** [US/US]; 448 Joan Court, West Hempstead, NY
11552 (US). **NELSON, Daniel** [US/US]; 500 East 63rd
Street, New York, NY 10021 (US). **SCHUCH, Raymond**
[US/US]; 500 East 63rd Street, New York, NY 10021 (US).

(74) Agents: **MALLON, Veronica** et al.; Klauber & Jackson,
411 Hackensack Avenue, Hackensack, NJ 07601 (US).

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ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: NUCLEIC ACIDS AND POLYPEPTIDES OF C₁ BACTERIOPHAGE AND USES THEREOF

(57) Abstract: The full-length nucleic acid sequence of the C₁ bacteriophage is disclosed in the present application. The specific regions of the C₁ genome encoding the P1yC lysin have also been identified and sequenced. The invention relates to the pharmaceuti-
cal and diagnostic utility of these sequences and provides for development of pharmaceutical compositions for treating or preventing
streptococcal infections in mammals, for compositions for decontamination of inanimate surfaces and for diagnosis of streptococcal
infections.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/15052

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C07H 19/00; C07K 11/00; C12N 75/09, 15/52, 15/75

US CL : 536/23.1, 23.2, 23.72; 424/185.1, 186.1, 204.1; 435/471, 472, 5; 530/388.2, 388.26, 388.3

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 536/23.1, 23.2, 23.72; 424/185.1, 186.1, 204.1; 435/471, 472, 5; 530/388.2, 388.26, 388.3

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
COMPUGEN, WEST, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,608,187 B2 (NELSON et al.) 19 August 2003 (19.08.2003), see entire document.	1-30
P, Y	NELSON, D. Genomic Sequence of C1, the First Streptococcal Phage, Journal of Bacteriology, June 2003, Vol. 185, No. 11, pages 3325-3332, see entire document.	1-30

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P.O. Box 1450

Alexandria, Virginia 22313-1450

Facsimile No. (703) 305-3230

Authorized officer

Laurie A. Scheiner

Telephone No. 703-308-0196